



# Quality Maritime Training

## **Coast Guard Proposed Rulemaking to Implement the STCW 2010 “Manila” Amendments.**

The Coast Guard proposes to amend the existing regulations that implement the International Convention on Standards of Training, Certification and Watchkeeping for Seafarers, 1978, as amended (STCW Convention), as well as the Seafarer’s Training, Certification and Watchkeeping Code (STCW Code). The changes proposed in the Supplemental Notice of Proposed Rulemaking (SNPRM) address the comments received from the public response to the Notice of Proposed Rulemaking (NPRM), in most cases through revisions based on those comments, and propose to incorporate the 2010 amendments to the STCW Convention that will come into force on January 1, 2012. In addition, this SNPRM proposes to make other non-STCW changes necessary to reorganize, clarify, and update these regulations.

### **Significant Changes, Include the Following:**

#### Separation of STCW and Domestic Endorsements 46 CFR Parts 11 and 12.

- Separates the two schemes for STCW and domestic endorsements.
- For STCW endorsements, incorporates sea service, assessment and training requirements directly from STCW Convention and Code.
- Provides entry paths from domestic endorsements to equivalent STCW endorsements
- Entry paths establish sea service, assessment & training requirements.
- Easier for mariners to read and understand requirements for each MMC endorsement

#### New layout for STCW Endorsements includes:

- Seagoing Service.
- Meeting competence-based standards specified in the appropriate STCW Table.
- Training Requirements.
- Transitional Provisions/Grandfathering.
- Exclusions.
- Entry Paths for Domestic Endorsements.

#### Include various methods for demonstrating competence - Accepts various methods for assessment of competence provided in Tables of Competence in the STCW Code, including:

- In-service experience.
- Training ship experience.
- Simulator training.
- Laboratory equipment training.
- Allows for preservation of “Hawespipe” program.
- Fosters career paths not previously available.

Sea Service Credit for Great Lakes and Inland Mariners 46 CFR §11.301.

- Grants sea service credit towards STCW/Domestic Endorsements of unlimited tonnage for mariners who provide proof of service on Great Lakes or inland waters.
- Most skills and assessments required for STCW Endorsements overlap with skills and techniques currently used for Deck and Engineer officers on Great Lakes and Inland waters.
- Applicants serving on Great Lakes waters will receive day-for-day credit.
- Applicants serving on Inland waters will receive one (1) day of ocean service credit for every two (2) days of Inland service for up to 50 percent of the total service required.

Removal of requirement for 30 months of classroom training for Officer in Charge of the Engineering Watch (OICEW) and Designated Duty Engineer (DDE) Candidates 46 CFR §11.329

- 2010 Manila amendments remove requirement for OICEW/DDE candidates to complete 30 months of approved classroom education/training.
- This requirement was previously proposed in the 2009 NPRM and has been removed in this SNPRM
- Aligns the deck and engine requirements.
- 2010 Manila amendments require that program approval for competence-based programs be based on content and must include not less than 6 months of approved seagoing service in the engine department.

Medical Examinations and Endorsements Part 10, subpart C.

Medical certificates:

- STCW endorsements - valid for 2 years.
- Under 18 years old - valid for 1 year.
- First-class pilots - valid for 1 year.
- All other mariners - valid for 5 years.

Physical Requirements

- Removes some specific tests for color vision.
- Revises vision and hearing standards.
- Clarifies demonstration of physical ability.

Key Points:

- Mariners must hold a valid medical certificate or they must submit an application for a medical certificate when applying for an STCW endorsement.
- Mariners may not work onboard a vessel unless they hold a valid medical certificate.
- Mariners sailing onboard vessels to which STCW applies must hold a valid 2-year medical certificate.

Ceremonial License - §10.209 “The Merchant Mariner Certificate Suitable for Framing” Issuance of a ceremonial license which is the Merchant Mariner Certificate Suitable for Framing. The Coast Guard believes this action reflects existing domestic officer endorsement and suitable for framing and is in response to requests from the industry. The Ceremonial License NOT valid for use as an MMC.

Quality Standards System (QSS) 46 CFR §10.410. Adds QSS requirements for Coast Guard approved courses/programs meeting STCW provisions. Meets the requirements of Regulation I/8 of STCW Convention. A QSS can be monitored by Coast Guard or a Third Party designated as a Coast Guard-accepted QSS organization. Accepts documentation from a National Academic accreditation body or national or international Training schools may comply by meeting one or more of the QSS requirements.

Includes QSS requirements for:

- Receipt of a Letter of Acceptance
- Application procedure
- Submission of documentation
- Qualifications of evaluators
- Audits
- Disenrollment

Bridge Resource Management, Engine Room Resource Management, Leadership and Teamworking Skills, Leadership and Managerial Skills 46 CFR §§11.305 to 11.321.

Changes name from Bridge Team Work to Bridge Resource Management (BRM) training for deck officers seeking STCW endorsements.

2010 Manila Amendments require:

- BRM and leadership and teamworking skills at the operational level
- Leadership and managerial skills at the management level
- Allows for the approval of BRM courses or combined BRM and leadership and teamworking skills courses
- Seafarers who have already completed BRM must provide evidence of meeting the standard of competence for leadership and teamworking skills or leadership and managerial skills, as appropriate, by January 1, 2017

ERM, Leadership and Teamworking Skills, Leadership and Managerial Skills 46 CFR §11.323 to 11.335:

- Requires Engine Room Resource Management (ERM) training for engineers seeking STCW endorsements.

2010 Manila Amendments require:

- ERM and leadership and teamworking skills at the operational level
- Leadership and managerial skills at the management level
- Allows for the approval of ERM courses or combined ERM and leadership and teamworking skills courses
- Existing seafarers must provide evidence of meeting the standard of competence in leadership and teamworking skills or leadership and managerial skills, as appropriate, by January 1, 2017

New Towing Officer Endorsements 46 CFR §11.465 and §10.466.

Adds Three (3) New Towing Endorsements:

- Apprentice Mate (steersman) of Towing Vessels (Utility)
- Master of Towing Vessels (Utility)
- Master of Towing Vessels (Harbor Assist)

Changes are in response to Towing Safety Advisory Committee Recommendation #141 regarding revision of NVIC 4-01 and Master of Towing Vessels (Utility). Towing vessel (utility) career progression covers towing vessels performing repair, construction and other utility type services. Towing vessel (harbor assist) authorizes service on towing vessels for escorting ships with limited propulsion or navigating in restricted waters and for assisting vessels docking and undocking in local areas.

Basic Safety Training and Advanced Firefighting Refresher Training 46 CFR § 11.301; § 12.601.

2010 Manila amendments - Requires proof of maintaining the standard of competence every 5 years through a combination of drills and onboard training with shore-side assessments.

One year of sea service within the last five (5) years would meet the requirements only for those components of the Table of Competence that can be performed through drills and/or training onboard vessels. Shore-side assessments must be completed for those components that cannot be performed onboard vessels.

New STCW Tankerman Endorsements 46 CFR Part 13 - In compliance with the 2010 Manila Amendments, include new STCW endorsements for basic and advanced tankerman:

- For oil and chemical tanker cargo operations
- For liquefied natural gas tanker cargo operations

Revalidation requirements include:

- 90 days of service onboard a tank vessel; and
- Two (2) transfers (advanced only); or
- Completion of an approved course.

Includes an STCW endorsement equivalent to the domestic endorsement of Tankerman-PIC (Barge). Clarifies and updates list of subjects for tanker courses.

Lifeboatman and Proficiency in Survival Craft endorsements 46 CFR §§12.407 and 12.409; §§ 12.613 and 12.615.

- Coast Guard has withdrawn its proposed use of the term “Survivalman” and substitutes the term “lifeboatman-limited” for domestic endorsements.
- STCW endorsement - uses the term - “Proficiency in Survival Craft and Rescue Boats other than Lifeboats and Fast Rescue Boats” (PSC-limited)
  - This rule will separate Domestic and STCW requirements.
- Proof of maintaining the standard of competence every five (5) years through a combination of drills and onboard training with shore-side assessments.

- One year of sea service within the last five (5) years would meet the requirements only for those components of the Table of Competence that can be performed through drills and/or training onboard vessels.
- Shore-side assessments must be demonstrated for those components that cannot be performed onboard vessels.
- Seafarers who hold a Lifeboatman Endorsement before January 1, 2017, will be eligible for this endorsement upon showing evidence of sea service of 1 year within the last 5 years.

Recognition of Certificates issued by other Parties to the STCW Convention Part 11 subpart J- Establishes requirements for recognition and endorsement of officer certificates of competency issued by other Parties signatory to STCW Convention in accordance with the existing U.S. laws Coast Guard will recognize certificates only from countries that the United States has assured itself comply with requirements of the STCW Convention and STCW Code

Certification for Vessel Personnel with Security Duties and Security Awareness - After July 1, 2012, all personnel with designated security duties must have a valid endorsement or a certificate of course completion. All other vessel personnel must hold a valid endorsement in security awareness or a certificate of course completion. Amendments to the training requirements in 33 CFR subpart H will be part of a separate rulemaking.

Grandfathering and Transitional Provisions.

STCW:

- 2010 Manila amendments enter into force January 1, 2012
- 5 year phase-in period.
- Mariners who begin their sea service or training ON OR after July 1, 2013 must meet the new requirements by January 1, 2017.
- Current STCW endorsement holders must provide evidence of meeting additional requirements, as appropriate, by January 1, 2017.

DOMESTIC:

- Domestic endorsements will also allow for a 5 year phase-in period after the effective date of this rule.
- Mariners seeking an original credential or raise in grade of an existing credential during the 5 year phase-in period and who begin service before the effective date of the rule need only meet the requirements in place before that date.
- Mariners who start training or service after the effective date of the rule must meet all of the provisions in the Final Rule.